

INTERNATIONAL SEARCH REPORT

International Ap

PCT/DK2005/000181

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F03D7/02 F03D7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/000723 A1 (WEITKAMP ROLAND) 3 January 2002 (2002-01-03)	1,2
Y	paragraphs '0015!', '0018!', '0019!	4-7
Y	DK 91 095 L (JOHANSEN, ARNE) 15 February 1997 (1997-02-15) cited in the application abstract	4-7
Y	& DK 174 346 B (JOHANSEN, ARNE) 16 December 2002 (2002-12-16) cited in the application figures	4-7
A	US 5 155 375 A (HOLLEY ET AL) 13 October 1992 (1992-10-13) column 3, line 35 - line 41 column 4, line 30 - line 41 figure 2	1,2
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

23 September 2005

Date of mailing of the international search report

11 NOV. 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 584 655 A (DEERING ET AL) 17 December 1996 (1996-12-17)	1-3
X	column 2, line 12 - line 18 column 8, line 27 - line 29 column 13, line 25 - line 28 -----	4-7
A	GB 2 023 237 A (UNITED TECHNOLOGIES CORP) 28 December 1979 (1979-12-28) cited in the application page 3, line 116 - line 120 page 4, line 18 - line 21 page 4, line 58 - line 71 figure 2 -----	1,2
A	EP 0 995 904 A (GENERAL ELECTRIC COMPANY; TACKE WINDENERGIE GMBH) 26 April 2000 (2000-04-26) paragraphs '0017!', '0018! figures 1,5a,5b -----	4-7
A	DD 252 640 A1 (VEB ENERGIEKOMBINAT ROSTOCK,DD) 23 December 1987 (1987-12-23) cited in the application figure -----	4-7

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-3

Method of controlling a wind turbine whereby the pitch of the blades is adjusted depending on the turbine load and on the wind speed calculated depending on the degree of deflection of the blades.

2. claims: 4-7

Windmill with devices for achieving its control, comprising a pitch adjusting device and a feedback of the pitch angle to a pitch controller; the controller gets also inputs from a rotor sensor and a turbine blades deflection sensor.

Information on patent family members

PCT/DK2005/000181

Form PCT/ISA/210 (patent family annex) (January 2004)

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5155375	A	EP 0604585 A1 JP 6511133 T WO 9306653 A1	06-07-1994 08-12-1994 01-04-1993
US 5584655	A	17-12-1996 AU 4597396 A WO 9620343 A2	19-07-1996 04-07-1996
GB 2023237	A	28-12-1979 DE 2922972 A1 DK 243579 A FR 2428749 A1 SE 444599 B SE 7905005 A	03-01-1980 16-12-1979 11-01-1980 21-04-1986 16-12-1979
EP 0995904	A	26-04-2000 NONE	
DD 252640	A1	23-12-1987 NONE	